PEO EIS
PEO Enterprise Information Systems

Project Manager,
Transportation Information Systems

TC-AIMS II Fielding NMIB/Site Survey

Fort Dix

12 – 15 DEC 2005

Presented by
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Deputy Director, ILS and Fielding

Executive Brief

Purpose

- Conduct New Material In-brief and site survey to overview how
  TC-AIMS II will assist the command in meeting the requirements of their deployment business process and coordinate the essential material, personnel, and facilities support required to accomplish this fielding
- Validate TC-AIMS II equipment distribution plan
- Validate the TC-AIMS II training distribution plan and proposed schedule
- Initiate Memorandum of Agreement (MoA) process, develop draft document and coordinate key milestones for completion
- Schedule of activities leading to training and identifying outstanding issues and concerns
- Conduct workshops

Typical Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1 12 Dec	1300-1400	NMIB in Briefing	ITO, Bde, all DST's, FORSCOM, NGB, and USARC
Day 2 13 Dec	0900 – 1130	Business process meeting	ITO, Bde, all DST's, FORSCOM, NGB, and USARC
	1300 – 1700	NMIB/Fielding process	ITO, USAR, NGB, Key AC units, and Force mod officer
Day 3 14 Dec	0900 – 1100	Active component workshop	ITO and Key AC units
	1300 – 1700	USAR and USARNG workshop	TBD by NGB and USARC
Day 4 15 Dec	0900 – 1130	MOA scrub	ITO, USAR, NGB, and Force mod officer
	1300 – 1700	TIS JPMO visit to training facilities, ATRRS coordinator and FORCE Mod POC	JPMO Staff

Agenda

- Conduct NMIB Briefing
- Conduct Workshop
- Conduct Site Survey
- Develop Memorandum of Agreement (MOA)

PM Transportation Information Systems

TIS JPMO Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

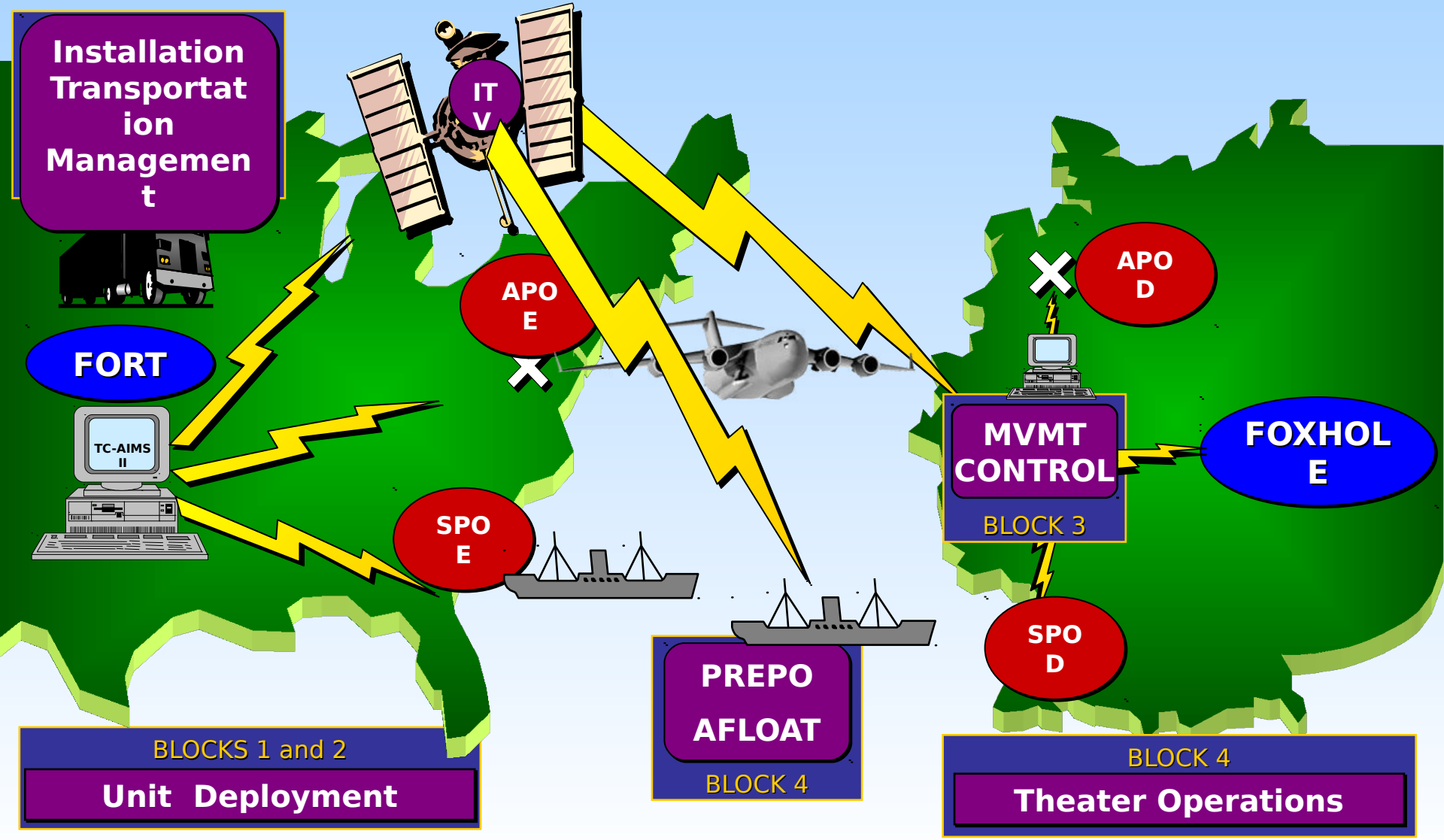
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

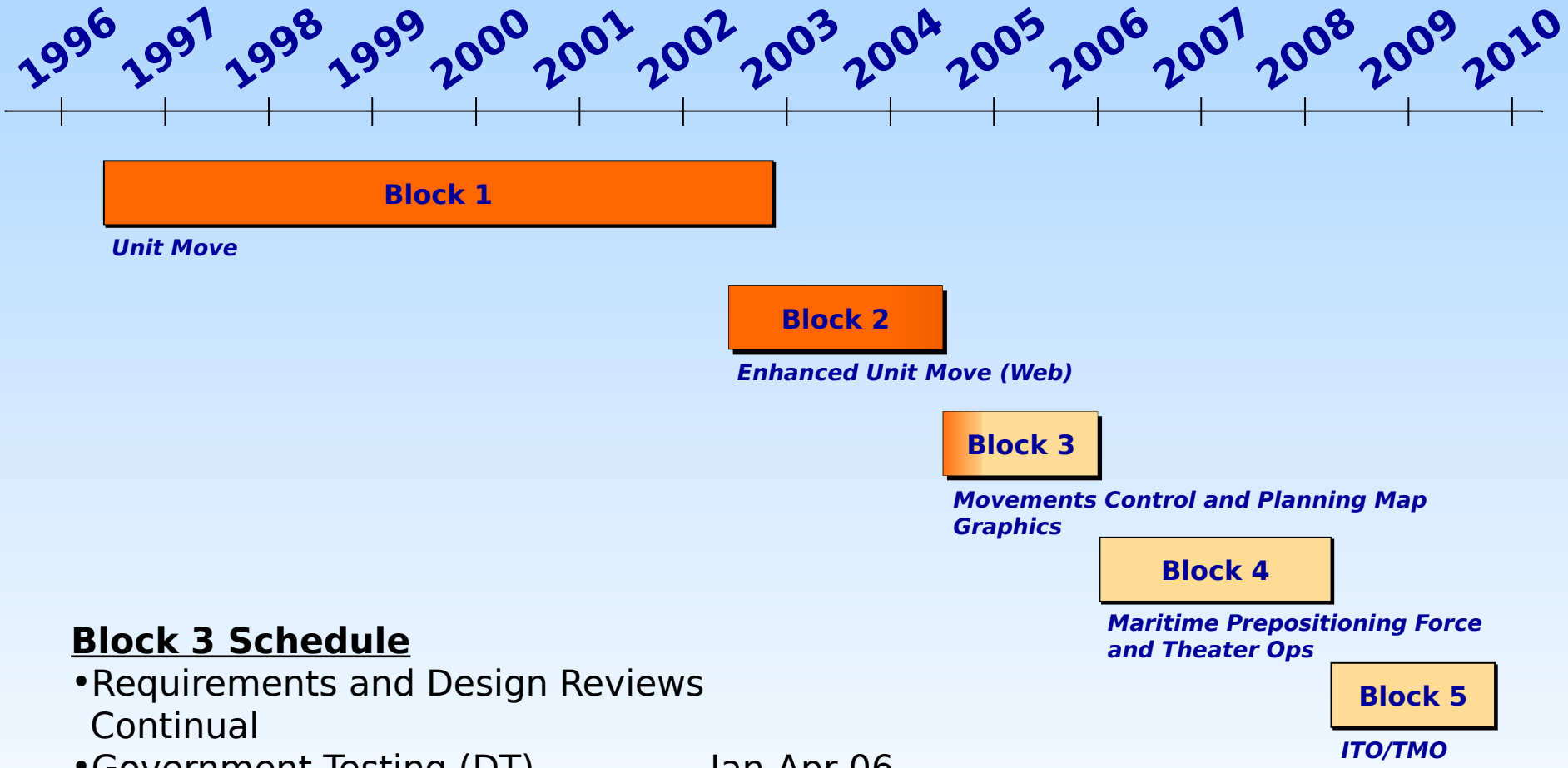
DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

Operational View



TC-AIMS II Acquisition Structure
(Funded Across POM)



Block 3 Schedule

- Requirements and Design Reviews Continual
- Government Testing (DT) Jan-Apr 06
- Test and Evaluation (OT) Apr-Jun 06
- Milestone III (Fielding Decision) Pending

TC-AIMS II Unit Movement Capabilities

Scaleable System

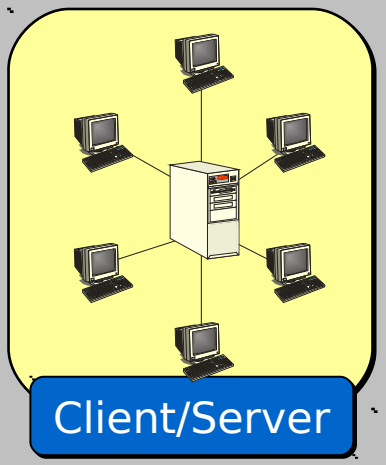
BLOCK 1

Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks

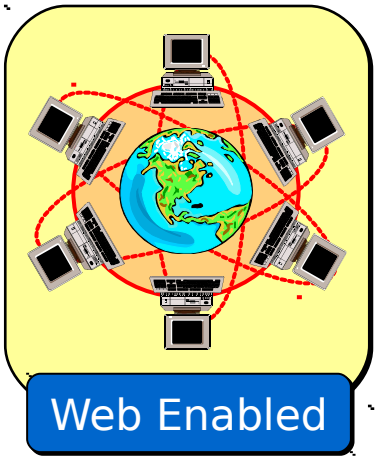
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

BLOCK 2

TC-AIMS II Information Assurance

Information Assurance

- System accredited as sensitive but unclassified
- Has certificate of network worthiness
- Generic SOP for local adaptation
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise
- Will provide download site for documentation within 30 days

TC-AIMS II User Account Manager (UAM)

- UAM manages all User Accounts for designated set of units or UICs
- Suggested not lower than Brigade level
- Designated by Commander
- Responsibilities:
  - Creates TIS User accounts
  - Creates TIS User Job Profile
  - Tracks all user's status, constantly keeping system current
  - Modifies, deletes, and adds all accounts
- Designated between FC/GC and NMIB and identified to JPMO during NMIB/Site Survey
- Training:
  - SA/DBA required
  - Level I recommended

Key Players in Local User Account Management

Local Administrators

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive Identification performed by TIS fielding team during NMIB/Site Survey
- Attend local administrator workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
J99233 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

8146 Portable Data Terminal

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

w/Printer

HHC

w/Printer

Fort Dix Regional Fielding Distribution Summary

TOE Units Summary

Component	Server C27367	Workstation C27435	Interrogator Set J99233
Active Army	0	3	2
National Guard	9	45	10
USA Reserves	12	41	12
Total	21	Includes 56 SBCT 89	24

TDA Summary

COMPO	Fixed Server	Tower Server	Laptop Server	Laptop	Printer	Bar Code Printer	Hand Held Interrogator	RFI	Solar RFI
Active Army	0	0	0	35	13	12	12	2	0
National Guard	0	0	0	21	18	0	0	0	0
Reserves	0	0	4	26	22	4	4	4	0

Training

Proposed Block 2 Training Courses (Jan 2006)

- Level 1 User Courses
  - NTE 9 training days per class
  - 20 students per class
  - Unit Movement Officers
- Level 2 TC-AIMS II User Course
  - NTE 9 training days per class
  - 20 students per class
  - Battalion, Brigade, and ITO unit movement coordinators
- SA/DBA Course
  - 5 training days per class
  - Max. 10 students per class

Level 1 Course Overview

- Course will train basic TC-AIMS II concepts for:
  - Fundamentals of Deployment
  - Maintaining unit equipment and personnel assets
  - Creating Unit Deployment List for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
- Course focus areas:
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy
    - Reviewing data at various points in the deployment process
    - Practical exercise for Asset Management using unit data (aka data completion)

Level 2 Course Overview

- Course will train basic TC-AIMS II concepts for:
  - Fundamentals of Deployment
  - Creating and executing movement plans for TPFDD and non-TPFDD movements
  - Using AIT to create movement documentation
  - Processing imports and exports from other systems
  - Reviewing movement data during the deployment process
- Course focus areas:
  - Using TC-AIMS II as a tool to facilitate the business process defined by FORSCOM and DPMO
  - Data quality and accuracy reviews

Interactive Multi-Media Training Approach

- Multimedia Training
  - Provides hands-on, self-paced, online training
  - May be accessed from the application via help facilities or in a standalone mode
  - Used as a refresher for trained operators
  - Can be used for new operator under direction of trained supervisor

Scenario Based Exercise

- Provides a collective training exercise for users to work in their respective roles with the installation or area business process with JPMO provided SME's as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation to validate its intended deployment process
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element

Scenario Based Exercise Participants

SBT Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been
  TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Records student attendance

Specific class quotas to be determined during workshops

ATRRS Registration Standards

- **<u>60 Days</u>** prior to class start - **classes 30% filled**
  - If not, notice from TIS training coordinator to POC's
- **<u>45 Days</u>** prior to class start – **classes 50% filled**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **<u>30 Days</u>** prior to class start – **1st months classes 70% filled with 100% registered students having DL account and Enterprise accounts requested.**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **<u>30 Days</u>** prior to subsequent class start – **classes 70% filled with 100% registered students having DL account and Enterprise accounts requested.**

Preliminary Training Allocations

Components	SA/DBA	Level I	Level II
Active Army	5	40	35
National Guard	27	88	7
Reserves	16	41	24
Total Students	***48***	***169***	***66***
Total Classes	***5****	***9****	***3****

Fielding Planning Process

Calendar of Events

Action	Start Date	End Date
FCGC/Pre-site Survey	17 Aug 2005	18 August 2005
FORSCOM/DPMO BP Workshop	5 Oct 2005	7 Oct 2005
Staff draft MOA before NMIB	13 Oct 2005	15 Oct 2005
Installation NMIB/Survey	12 Dec 2005	15 Dec 2005
Finalize MOA	9 Jan 2006	31 Jan 2006
Initial Equipment Set up and Testing	17 Apr 2006	28 Apr 2006
Hardware Required Delivery date	17 Apr 2006	17 Apr 2006
Establish Job Profiles (user account)	TBD	TBD
Student Name and ATRRS registration	TBD	TBD
Identify SBE Participating Units	TBD	TBD
Level I(4) and II(6)	01 May 2006	Aug 2006
SA/DBA Training(3)	5 Jun 2006	3 Aug 2006
Data Completeness	8th day of TNG	
SBE (Scenario Based Exercise)	TBD	TBD
Fielding Complete	17 Apr 2006	Sep 2006

Actions Between Now/Fielding

- JPMO TIS order equipment 90 days prior to first training class
- Register students in ATRRS at least 30 days before training class
- Establish local administrator accounts NLT 90 days prior to start of fielding
- Local administrator submit bulk registration of for users NLT 60 days prior to the start of training

Workshops

Workshop Participants

- CSS/AMO
- Logistics Officer
- Director of Logistics (DOL)
- TC ACCIS Manager
- RRC representative
- Force Integration Officer
- Mobility Warrant Officer
- STARC representative
- Installation Transportation Officer (ITO)
- Director of Information Management (DOIM)
- Personnel/SIDPERS representative
- Major unit training coordinator (AC, RC, NGB)

Workshop

- Identify equipment distribution and organization structure by UIC
- Capture MOA information
- Identify shipping location
- Data completion requirements
- Training schedule and student load
- Identify units to participant in SBT
- Local admin workshop requirements
- Identify facilities for equipment storage and setup
- Identify user and student qualification and registration
- Identify necessary detail to assist in equipment setup

TIS Key Personnel

https://www.tis.army.mil/

Project Manager

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Chief, Fielding Division

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Vacant (USN)

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